AMENDMENTS TO THE SPECIFICATION

Please insert the following section headings on page 1, after the title and at line 3:

-- BACKGROUND OF THE INVENTION

Field of the Invention --

Please replace the paragraph on page 1, beginning at line 4 with the following replacement paragraph:

-- The invention relates to a method and system for the automatic online detection and classification of anomalous objects in a data stream ~~according to claim 1 and an system to that aim according to claim 22~~.

Please insert the following section heading on page 1, at line 8:

-- Description of the Related Art --

Please insert the following section heading on page 2, at line 27:

-- SUMMARY OF THE INVENTION --

Please replace the paragraph on page 2, beginning at line 28 with the following replacement paragraph:

-- The current invention ~~related~~relates to ~~such situations~~situations in which datasets are analysed in real time without definite knowledge of the classification criteria to be used in the analysis. --

Please insert the following section heading on page 2, at least 31:

-- BRIEF DESCRIPTION OF THE DRAWINGS --

Please delete on page 2, lines 32 and 33 in their entirety.

Please replace the description of the drawings beginning on page 2, at line 35 and continuing on page 3, at line 15, with the following replacement description:

-- Fig. 1 ~~depciting a flow diagram~~is a flow diagram of one embodiment of the invention;

Fig. 2 ~~depicting~~is a detailed ~~flow diagram~~flow diagram for the construction and updated of the geometric representation of normality according to the present invention;

Fig. 3	~~depicting~~is a schematic view of an embodiment of ~~the inventive~~a system for the detection of anomalous objects in connection with a computer network according to the present invention;
~~Fig~~Figs. 4A-4C	~~depicting~~are illustrative examples for the ~~initialisation~~initialization of an embodiment ~~of~~according to the present invention;
~~Fig~~Figs. 5A-5G	~~depicting~~are illustrative examples for the further processing of an embodiment ~~of~~according to the present invention~~.~~;
~~Fig~~Figs. 6A-6D	~~depicting the~~are illustrative of decision boundaries arising from two automatically selected anomaly ratios according to the present invention.

Please insert the following section heading on page 3, at line 16:

-- DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--